

# City of Seattle Climate Protection Initiative

City of Seattle  
[www.seattle.gov/climate](http://www.seattle.gov/climate)

# Scientific & Popular Consensus...



# Federal Inaction...

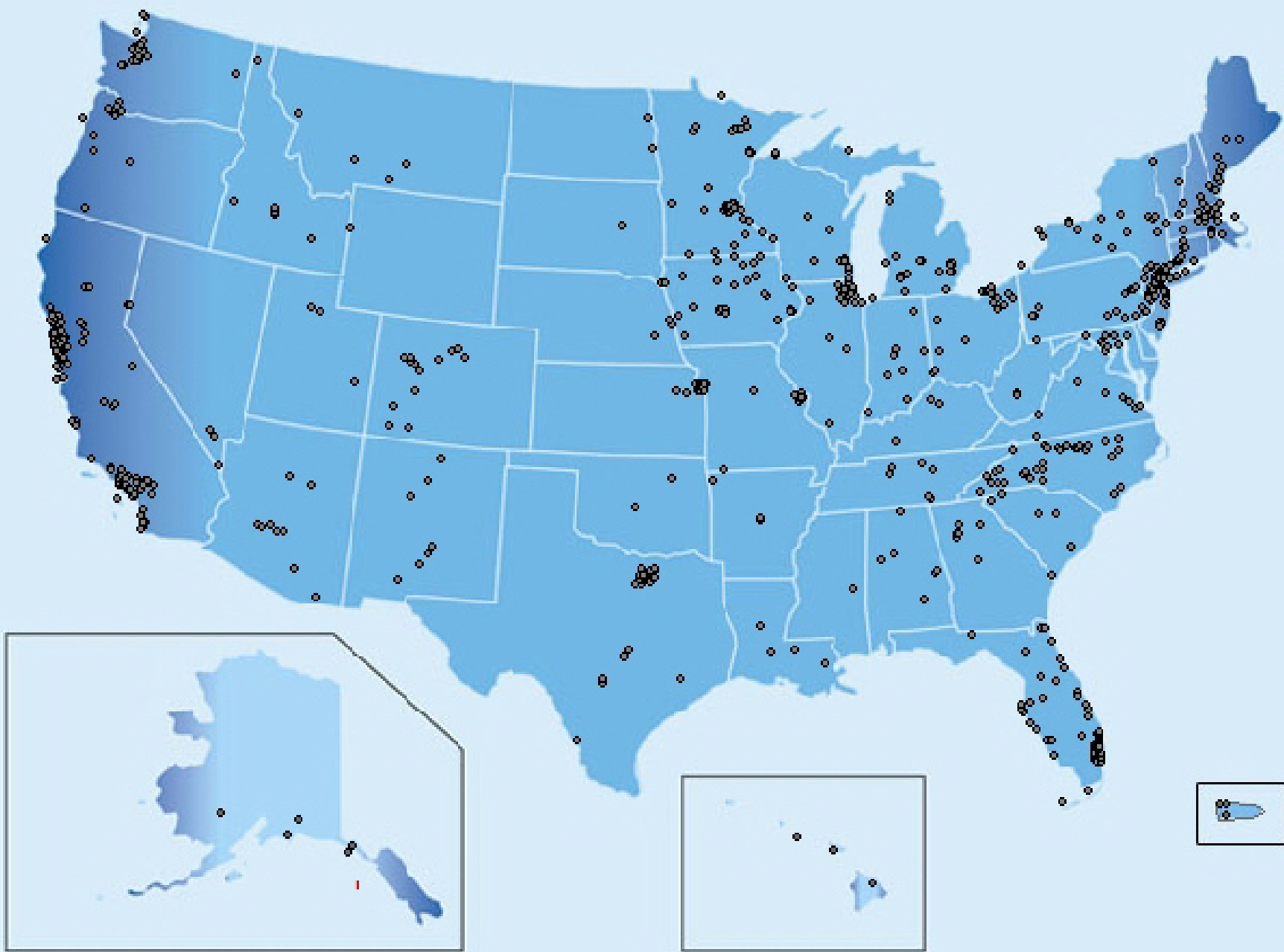
# Seattle's Climate Protection Initiative

## ➤ Two core components

- US Mayors Climate Protection Agreement
  - To inspire a movement...
- Seattle Climate Action Plan
  - To get it done at home...



- Started in by Mayor 2005 out of concern over climate change **impacts** and **federal inaction**
- Pledged that Seattle would **meet the Kyoto Protocol** targets for United States
- Challenged mayors around the country to **pledge the same** and set target of 141 US cities



# Seattle Climate Action Plan

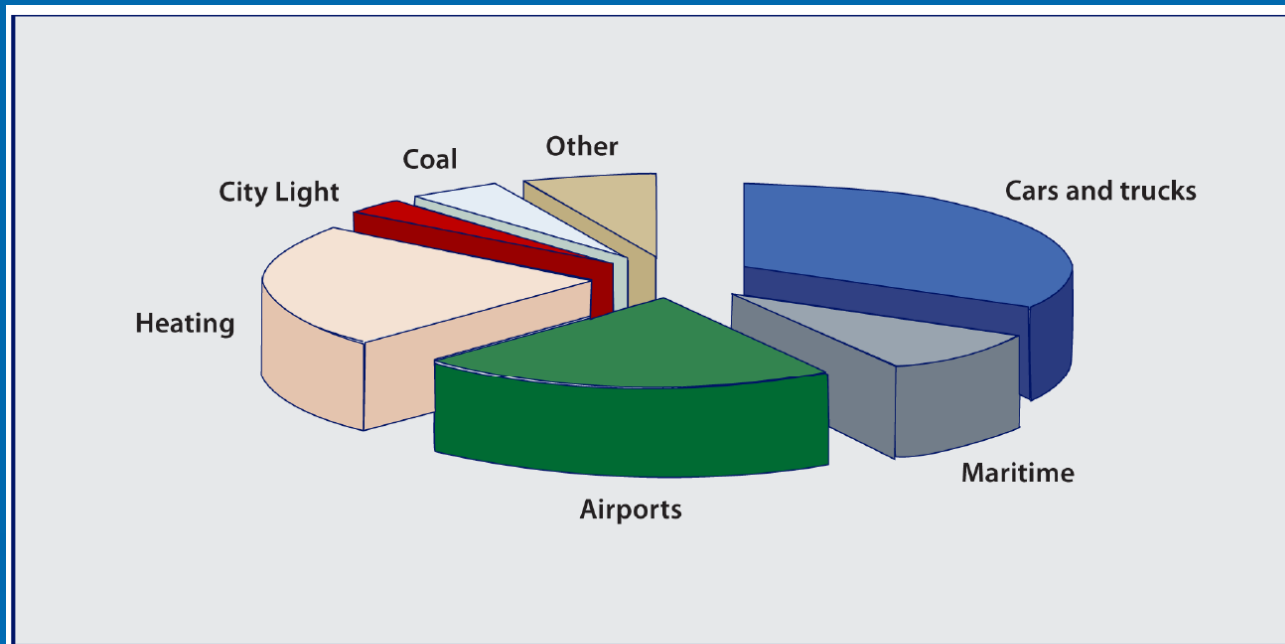
- Based on recommendations of the Mayor's Green Ribbon Commission
- Outlines Climate Protection Initiative's
  - Goals
  - Strategies
  - Actions
- Highlights over \$41 million of City investment in climate-related actions

# Climate Protection Goals: What do we want to achieve?

- **Reduce** climate pollution
  - › Near-term Goal: 7% by 2012
  - › Long-term Goal: 80% by 2050
- **Grow** the green economy
- **Prepare** for a changing climate



# Seattle's Carbon Footprint



PROJECTED 2012 SEATTLE EMISSIONS SOURCES

**Cars and trucks:** trucking and passenger transportation, including gasoline, diesel, and natural gas vehicles; **Maritime:** Ships, trains, ferries, construction equipment; **Airports:** air travel; **Heating:** natural gas (including commercial and industrial uses), heating oil, and propane heat; **City Light:** Seattle City Light emissions; **Coal:** coal from various Seattle-based industries; **Other:** closed landfills, non-road gasoline, distillate oil, liquid propane gas, fireplaces.

# Climate Protection Strategies: How are we going to get there?



## Transportation Choices & Compact Communities

- › **Strategy:** Develop transportation choices and compact neighborhoods
- › **Desired Outcome:** Fewer vehicle miles traveled

## ➤ Clean Energy & Efficient Buildings

- › **Strategy:** Promote climate-friendly energy, material design and operations for homes and businesses
- › **Desired Outcome:** Buildings and infrastructure that use clean energy efficiently



# Climate Protection Strategies: How are we going to get there?

## ➤ Green Economy

- › **Strategy:** Grow climate-friendly sectors, businesses, and jobs
- › **Desired Outcome:** Economic growth—jobs and investment—in the clean economy



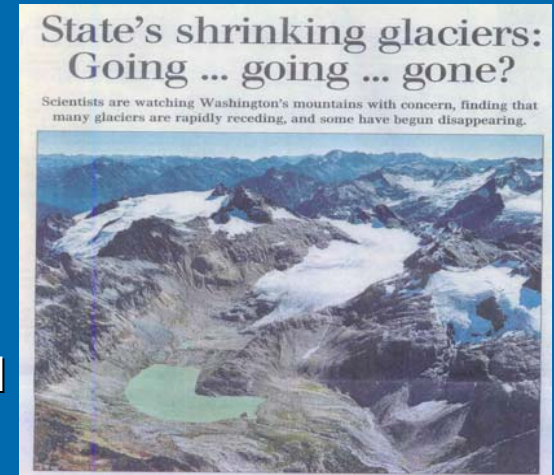
## ➤ Clean Fuels & Fleets

- › **Strategy:** Increase fuel efficiency, new vehicle technology, and use of biofuels
- › **Desired Outcome:** Vehicles that emit less climate pollution

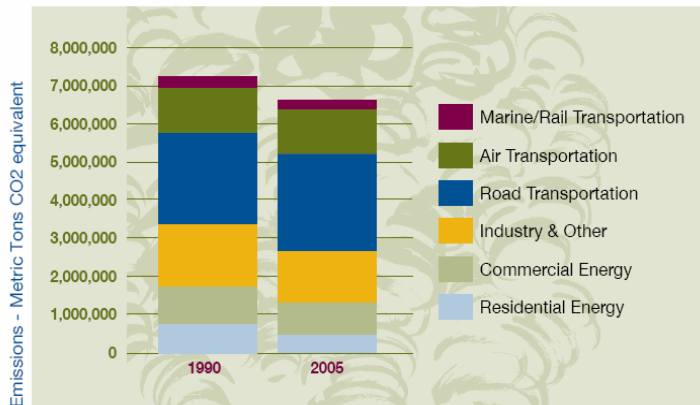
# Climate Protection Strategies: How are we going to get there?

## ➤ Preparedness

- › **Strategy:** Understand and plan for likely impacts of climate change
- › **Desired Outcome:** Infrastructure and systems are resilient to changes from global warming



Seattle GHG Inventory – GHG Emissions by Sector



## ➤ Measurement

- › **Strategy:** Measure progress toward climate protection goals
- › **Desired Outcome:** Understand where we are making progress; where we need to do more

# Climate Protection Strategies: How are we going to get there?

## ➤ Leadership, Leverage

- › **Strategy:** Advocate strong climate policy, share lessons learned, and lead by example
- › **Desired Outcome:** Federal and state policies that advance local climate solutions



## ➤ Community Mobilization

- › **Strategy:** Engage employees, residents, and businesses in climate solutions
- › **Desired Outcome:** Seattle residents and businesses lower their carbon footprint



# Seattle Climate Action

# NOW

SeattleCAN.org



# Seattle Climate Action Now

- Encourages **every Seattle resident** to take action on climate change.
- **Solution-oriented, grassroots** effort to talk about global warming in the context of what **CAN** be done about it.
- Together, **we CAN** make a difference!



# Campaign Elements

- SeattleCAN.org
- Climate Action Partners
- Community Action Days
- Focus: Home Energy and Transportation Choices



# SeattleCAN.org - One-stop shop to help residents learn how to take climate action.

**Seattle Climate Action**  
**NOW**

Hear a message from Mayor Nickels  

- Home
- About
- News
- Partners
- Resources
- Downloads
- Calendar

**Seattle Get Started Guide**  
Simple changes you can make to live greener  
[start >](#)

**FEATURED EVENT**

**Climate Action Now T-shirt Design Contest**

**SEATTLE PUBLIC SCHOOLS**

**Email Sign-up:**  
Get Started Today!  
Sign-up to make simple changes

**Contact Seattle Climate Action Now**  
SeattleCAN@seattle.gov  
PO Box 94729  
Seattle, WA 98124-4729  
206-684-3267

**CHARTER PARTNERS**  
 City of Seattle

**"What can you do every day to be part of the solution to climate change?"** That is the question **Seattle Public School** students will be answering this fall via the SPS Climate Action Now t-shirt design contest. [learn more](#)



# Climate Action Partners - Community and business organizations talking about climate solutions.



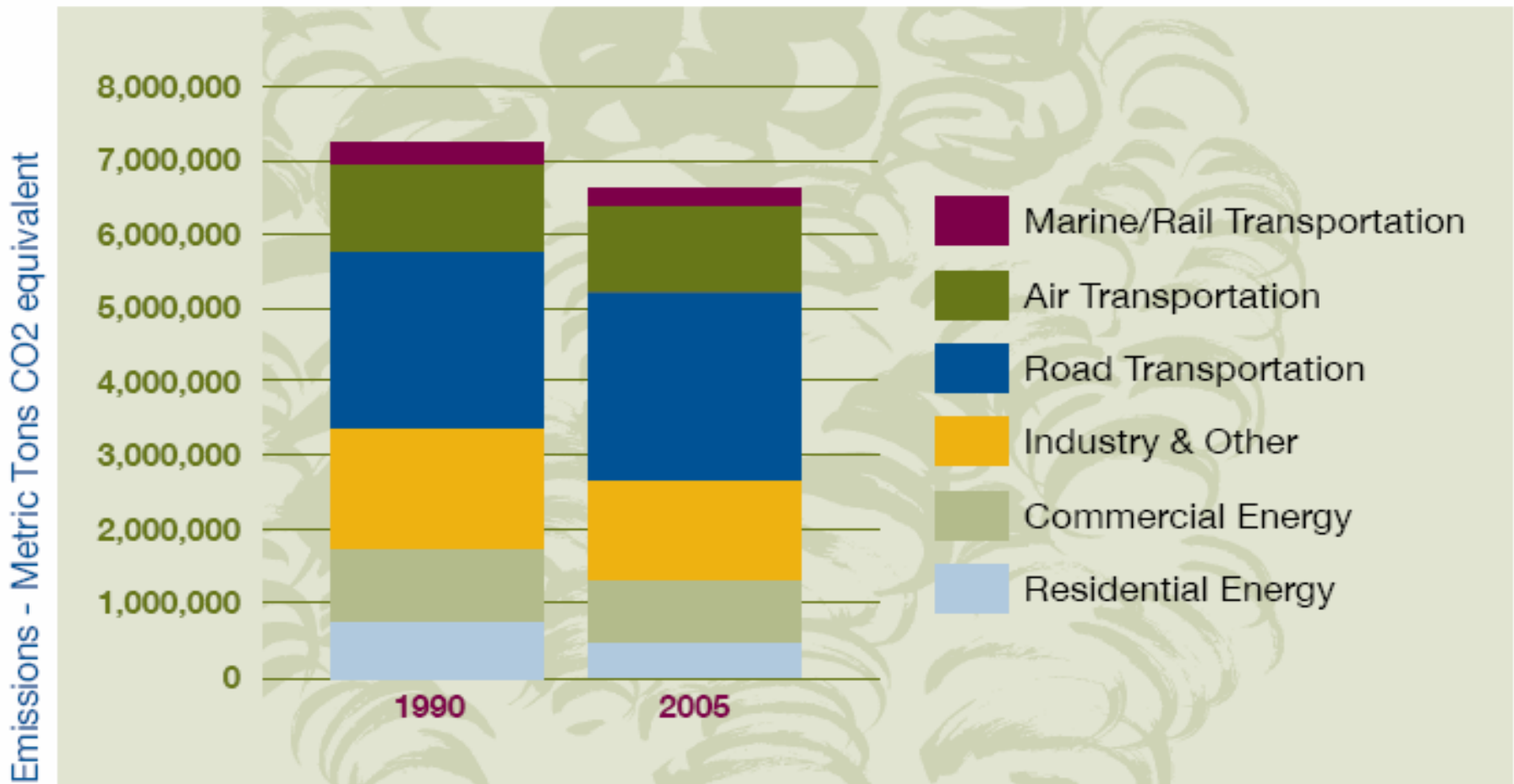


**Climate Action Days** - Community events where residents can take climate action.



# So how are we doing?

## Seattle GHG Inventory – GHG Emissions by Sector



# % below 1990

Sector		2005
Residential Energy	Total	-27%
	Per capita	-29%
Commercial Energy	Total	-20%
	Per Capita	-23%
Industrial Energy & Processing	Total	-16%
	Per Capita	-19%
Transportation	Total	+3%
	Per Capita	-1%
TOTAL	Total	-8%
	Per Capita	-11%

# Comparing Seattle's Footprint

	2005 Population	Estimate of Annual GHG Emissions (tons/year)	Per Capita Emissions (tons/person/year)
Seattle	573,911	6,600,000	11.5
King County	1,793,583	23,000,000	12.8
Central Puget Sound	3,460,643	47,500,000	13.7
Washington State	6,256,400	88,000,000	14.1
United States	296,410,404	7,100,000,000	24.0

# So is Seattle done?

- We need to continue to work on emission reduction strategies
- City Light's Conservation Plan is one important step to meeting our targets
- But Seattle's greenhouse gas emissions are projected to increase in Seattle by 2012 due to population and economic growth
- We're only at 8% below 1990
  - Long-term goal is 80% reduction in emissions